

Listing of the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1 (currently amended): A method for processing data in a media player, said method comprising:

- receiving one or more user-configurable reconciliation rules from a user, said reconciliation rules resolving metadata associated with media content;
- rendering the media content in the media player;
- generating an automatic request for metadata from a metadata provider in response to the media content being rendered in the media player, said requested metadata to be associated with the rendered media content;
- receiving return metadata from the metadata provider in response to the automatically generated request for metadata;
- receiving a trustworthiness rating corresponding to the return metadata; and
- performing an action specified by the reconciliation rules based on the received trustworthiness rating, said action including at least one of the following based on the received trustworthiness rating: updating a media file associated with the media content, renaming the file, organizing a directory structure of one or more media files, storing the return metadata with the media content, storing the received trustworthiness rating with the media content, and prompting a user to accept the return metadata.

Claim 2. (original) The method of claim 1, further comprising replacing an existing metadata state with the received return metadata based on the received trustworthiness rating.

Claim 3. (original) The method of claim 1, wherein the return metadata comprises metadata determined by the metadata provider to be associated with the media content.

Claim 4. (original) The method of claim 1, wherein the received trustworthiness rating represents a degree of relevance of the return metadata to the media content.

Claim 5. (original) The method of claim 1, wherein the received trustworthiness rating comprises a percentage.

Claim 6. (previously presented) The method of claim 1, further comprising prompting, based on the received trustworthiness rating, a user to review the return metadata.

Claim 7 (canceled).

Claim 8. (original) The method of claim 1, wherein receiving the trustworthiness rating comprises:

- receiving a plurality of trustworthiness ratings; and
- collectively displaying the received plurality of trustworthiness ratings to a user.

Claim 9. (original) The method of claim 1, wherein the received trustworthiness rating indicates that the return metadata matches the requested metadata, and further comprising storing the return metadata with the media content without intervention from a user.

Claim 10. (original) The method of claim 1, wherein the received trustworthiness rating indicates that the return metadata may not match the requested metadata, and further comprising prompting the user to accept or reject the return metadata.

Claim 11. (canceled)

Claim 12 (original): One or more computer-readable media having computer-executable instructions for performing the method of claim 1.

Claim 13 (currently amended): A method of managing a plurality of metadata states, said plurality of metadata states including one metadata state and another metadata state, each of said metadata states comprising one or more items of metadata automatically matched to media content in response to the media content being rendered by a media player, said method comprising:

maintaining a history data structure in a file storing the media content, said history data structure storing the other metadata state;

receiving items of metadata associated with the other metadata state from a metadata provider, said metadata provider providing the items of metadata associated with the other metadata state that are determined to be relevant to the media content;

receiving a trustworthiness rating corresponding to the received items of metadata;

receiving a request from a user to replace the one metadata state with the other metadata state; and

replacing each set of metadata items associated with the one metadata state with a corresponding set of metadata items associated with the other metadata state in response to the received request and as a user-configurable function of the received trustworthiness rating.

Claim 14. (original) The method of claim 13, wherein each item of metadata comprises a value specific to the media content.

Claim 15. (canceled)

Claim 16. (previously presented) The method of claim 13, further comprising displaying the received items of metadata to the user for review.

Claim 17. (previously presented) The method of claim 13, further comprising storing the received items of metadata in a file storing the media content.

Claim 18. (canceled)

Claim 19. (original) The method of claim 13, wherein the items of metadata associated with the one metadata state are stored in a file along with the media content.

Claim 20 (canceled).

Claim 21. (original) The method of claim 20, wherein replacing each set of metadata items comprises replacing each set of metadata items associated with the one metadata state with a corresponding set of metadata items stored in the history data structure.

Claim 22. (original) The method of claim 20, wherein the history data structure defines an empty metadata state for the media content and wherein replacing each set of metadata items comprises replacing each set of metadata items associated with the one metadata state with a null value from the empty metadata state.

Claim 23. (original) The method of claim 13, wherein replacing each set of metadata items comprises replacing a single item of metadata.

Claim 24. (original) The method of claim 13, wherein the other metadata state lacks metadata, and wherein replacing each set of metadata items comprises removing all metadata from the media content.

Claim 25 (original): One or more computer-readable media having computer-executable instructions for performing the method of claim 13.

Claim 26 (currently amended): A system comprising one or more computer-readable media having computer-executable components for managing one or more items of metadata associated with media content being rendered by a media player, said components comprising:

a communications component for receiving metadata automatically matched to the media content in response to the media content being rendered, said communications component further receiving a trustworthiness rating associated with the received metadata; [[and]]

[[an]] a user-configurable authoring module for selectively applying the received metadata to the media content based on a trustworthiness rating received via the communications component, wherein said authoring module is user-configurable to selectively apply the received metadata to the media content; and

a user interface component for displaying to a user for review, accept or reject, based on the received trustworthiness rating, the metadata received via the communications component.

Claim 27. (original) The system of claim 26, wherein the authoring module applies the received metadata by replacing each item of metadata associated with one metadata state with a corresponding item of the received metadata associated with another metadata state.

Claim 28. (original) The system of claim 26, wherein the communications component further receives a request from a user to store the received metadata with the media content.

Claim 29 (canceled).

Claim 30. (original) The system of claim 26, further comprising a rollback module for maintaining a history data structure in the file, said history data structure storing the received metadata along with a previous metadata state associated with the media content.

Claim 31. (original) The system of claim 30, wherein the authoring module replaces each item of metadata associated with one metadata state with a corresponding item of metadata from another metadata state maintained in the history data structure by the rollback module.

Claim 32. (original) The system of claim 30, wherein the history data structure defines an empty metadata state for the media content and wherein the authoring module replaces each item of metadata associated with the one metadata state with a null value from the empty metadata state.

Claim 33. (previously presented) A method of updating metadata in a computer system having a user interface including a display and being responsive to a user interface selection device, said method comprising:

- rendering media content by a media player;
- receiving metadata automatically matched to the rendered media content from a metadata provider in response to the media content being rendered in the media player;
- displaying the received metadata to the user on the display;

receiving, from the metadata provider, a trustworthiness rating associated with the received metadata;

displaying the received trustworthiness rating to the user on the display;

receiving a selection request from the user via the user interface selection device, said selection request specifying acceptance or rejection of the displayed metadata by the user based on the received trustworthiness rating associated with the displayed metadata; and

performing an action on the displayed metadata in response to the received selection request.

Claim 34. (original) The method of claim 33, wherein the selection request specifies rejection of the received metadata, and wherein the selection request further comprises a request from the user to edit the received metadata.

Claim 35. (original) The method of claim 33, wherein the selection request specifies rejection of the received metadata, and wherein the selection request further comprises a request from the user to restore previously received metadata.

Claim 36. (original) The method of claim 33, wherein the selection request specifies rejection of the received metadata, and wherein the selection request further comprises a request from the user to discard the received metadata.

Claim 37. (original) The method of claim 33, wherein the selection request specifies rejection of the received metadata, and wherein the selection request further comprises a request from the user to search for additional metadata for the media content.

Claim 38. (original) The method of claim 33, wherein the selection request specifies acceptance of the received metadata, and wherein the selection request further comprises a request from the user to apply the received metadata by storing the received metadata with the media content.

Claim 39. (original) The method of claim 33, further comprising storing the received metadata in a cache.

Claim 40. (canceled)

Claim 41. (original) The method of claim 33, further comprising displaying one or more reconciliation rules on the display for selection by the user via the user interface selection device, each of said reconciliation rules specifying an action to perform in response to the received trustworthiness rating.

Claim 42 (original): One or more computer-readable media having computer-executable instructions for performing the method of claim 33.

Claim 43. (previously presented) A user interface enabling a user to select one of a plurality of values associated with a metadata item, said metadata item being automatically matched to media content in response to the media content being rendered by a media player, said user interface comprising:

- one or more data fields, each of said data fields displaying a metadata value associated with the metadata item;

- a rating field displaying a trustworthiness rating associated with the metadata value for each of the data fields;

- a selection field for receiving a command from a user, said command selecting, based on the corresponding trustworthiness rating displayed in the rating field, one or more of the metadata values from the data fields for association with the metadata item and storage with the media content; and

- a query field for receiving a search term from the user, said search term describing the media content and enabling determination of another metadata value relevant to the media item based on the received search term.

Claim 44. (original) The user interface of claim 43, wherein at least one of the metadata values in the plurality of data fields is selected automatically based on a trustworthiness rating associated with the at least one metadata value.

Claim 45. (original) The user interface of claim 43, wherein the selection field comprises a plurality of checkboxes, each of said checkboxes being associated with one of the plurality of data fields.

Claim 46. (original) The user interface of claim 43, wherein the selection field comprises a button that indicates acceptance of the selected metadata value.

Claim 47. (original) The user interface of claim 43, wherein the metadata item comprises at least one of the following: an album title, an artist name, a song title, a genre, a composer name, a track number, a studio, a director, and a rating.

Claim 48. (canceled)

Claim 49. (previously presented) The user interface of claim 43, further comprising a reconciliation field for displaying one or more user-configurable reconciliation rules for selection by the user, each of said reconciliation rules specifying an action to perform in response to the trustworthiness rating displayed in the rating field.

Claim 50. (original) The user interface of claim 43, wherein the user interface comprises a display device.